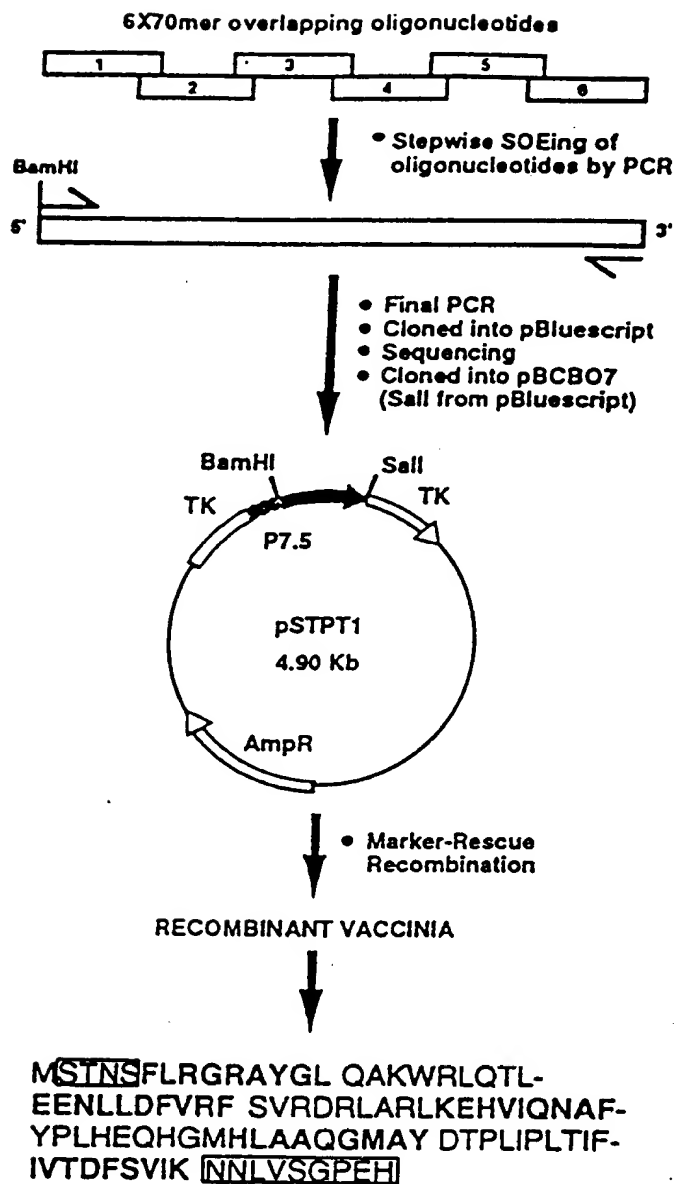


1/15



### Polytope Protein Sequence

FIGURE 1

2/15

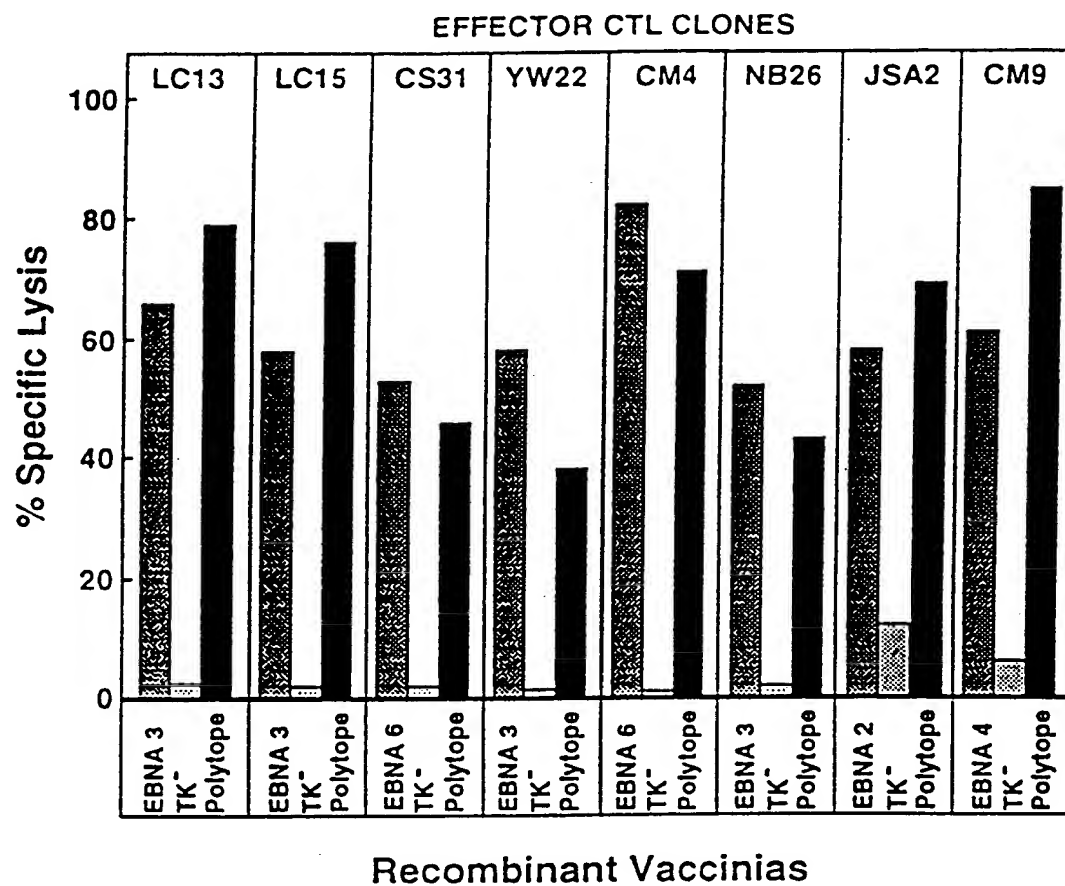


FIGURE 2

3/15

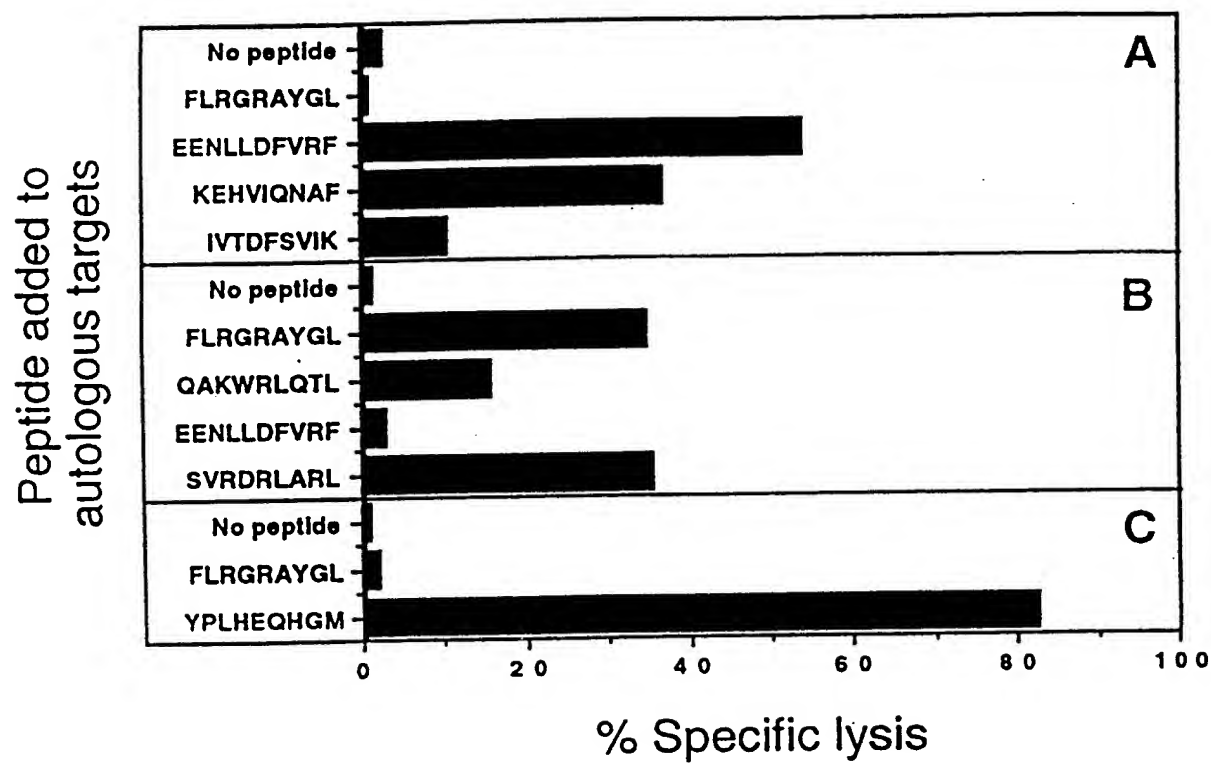


FIGURE 3

4/15

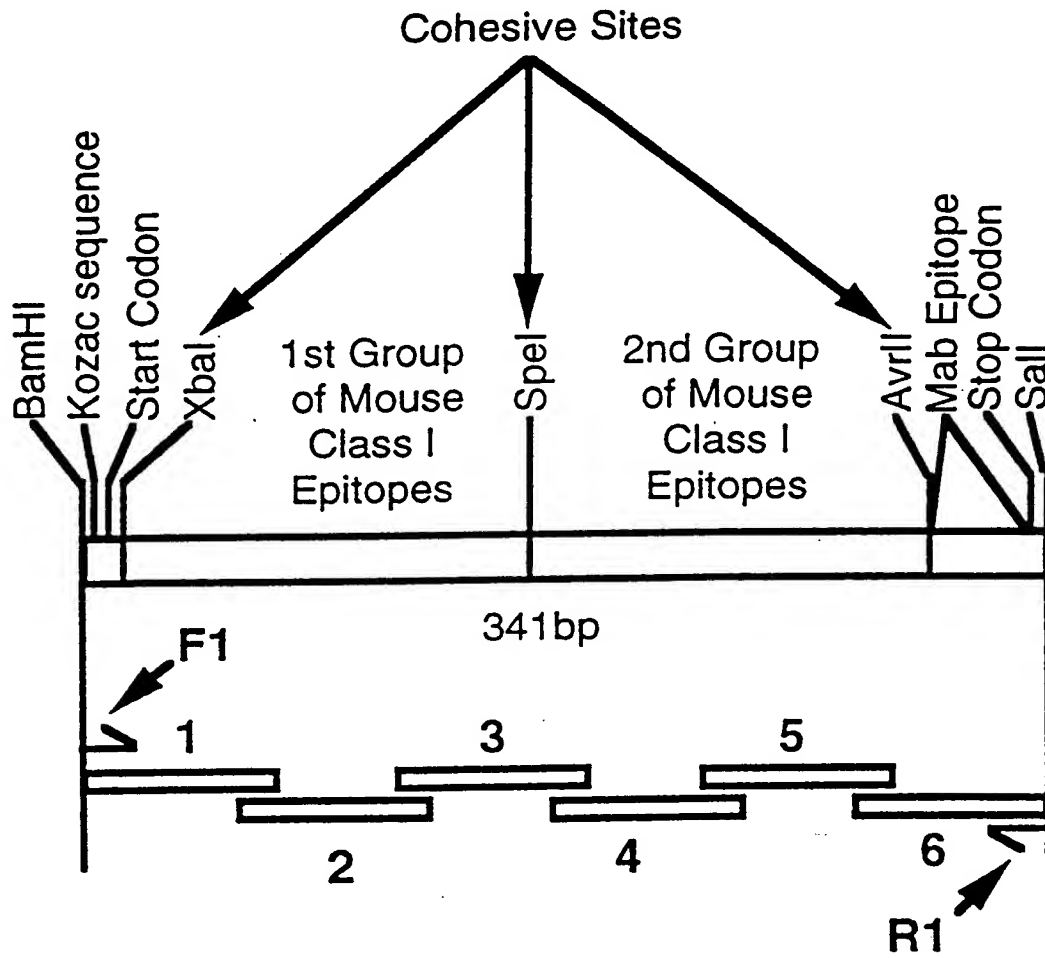


FIGURE 4

5/15

GGGGGTTTGGG

BamHI Kozac  
GGATCC CCACC

Start XbaI

M SR  
ATG TCTAGA

ASNENMDAM  
GCC AGC AAC GAG AAC ATG GAC GCC ATG

SIINF EKL  
AGC ATC ATC AAC TTC GAG AAG CTT

TYQRTRALV  
ACC TAC CAG AGG ACC AGG GCC CTG GTG

SpeI

SDYEGRLI  
AGC GAC TAC GAG GGC AGG CTG ATC

YPHFMPNTNL  
TAC CCA CAC TTC ATG CCT ACC AAC CTG

SGPSNTPPEI  
AGT GGG CCC AGT AAC ACC CCG CCA GAG ATC

FAPGNYPAL  
TTC GCC CCA GGC AAC TAC CCT GCC CTG

SYIPSAEKI  
AGC TAC ATC CCA AGC GCC GAG AAG ATC

EEGAIVGEI  
GAG AGA GGC GCC ATC GTG GGC GAG ATC

AvrII

RPQASGVYM  
AGG CCT CAG GCC AGC GGC GTG TAC ATG

PR  
CCTAGG

NNLVSGPEHL  
AAC AAC CTG GTG TCC GGC CCC GAG GAC TTA

Z  
TAG

Mab epitope

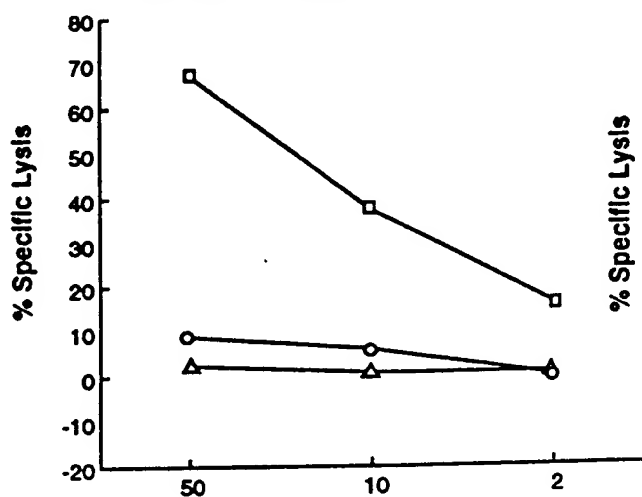
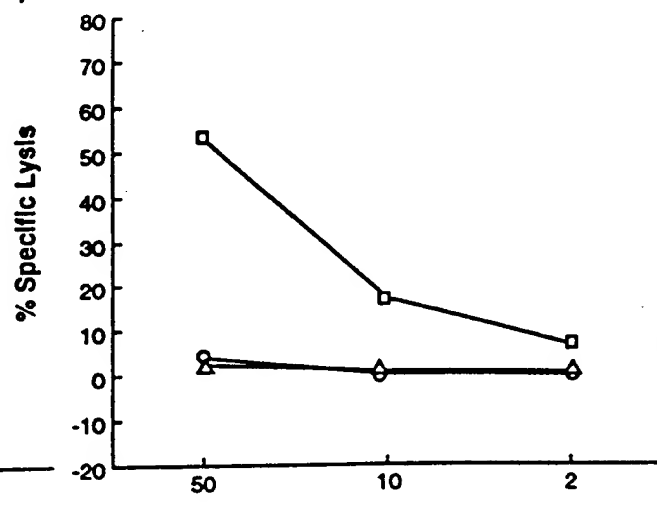
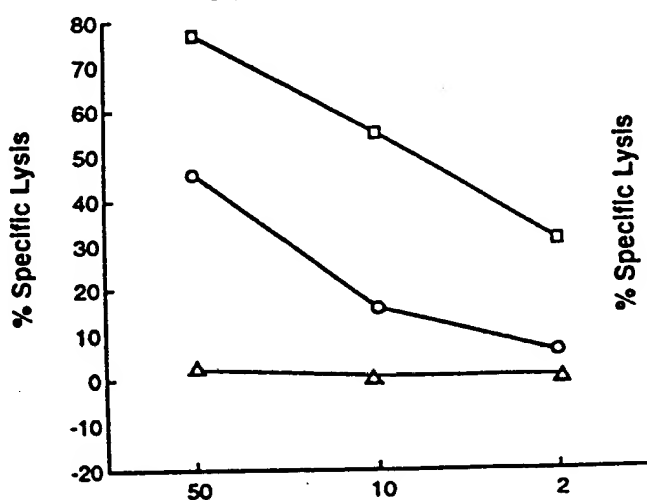
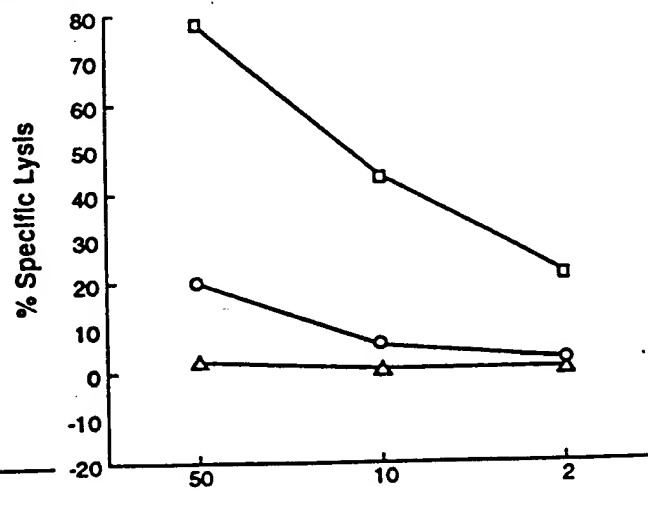
Slop Sall




GTGAC

FIGURE 5

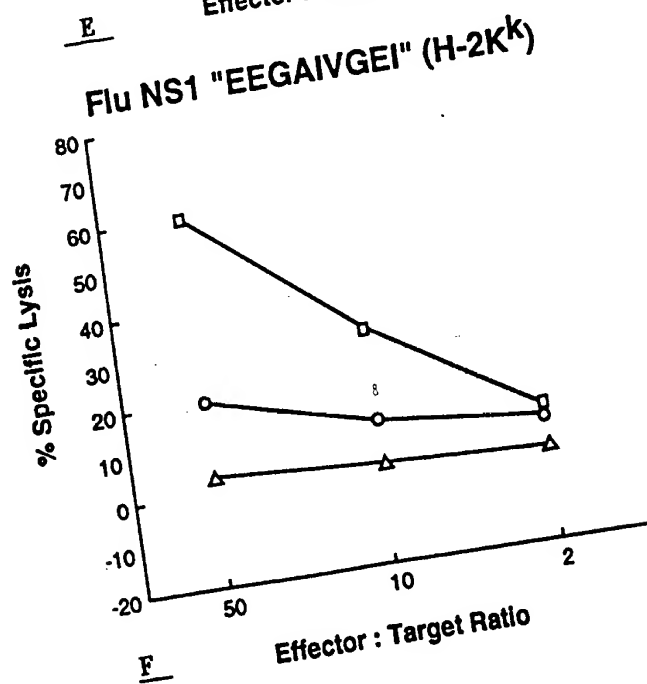
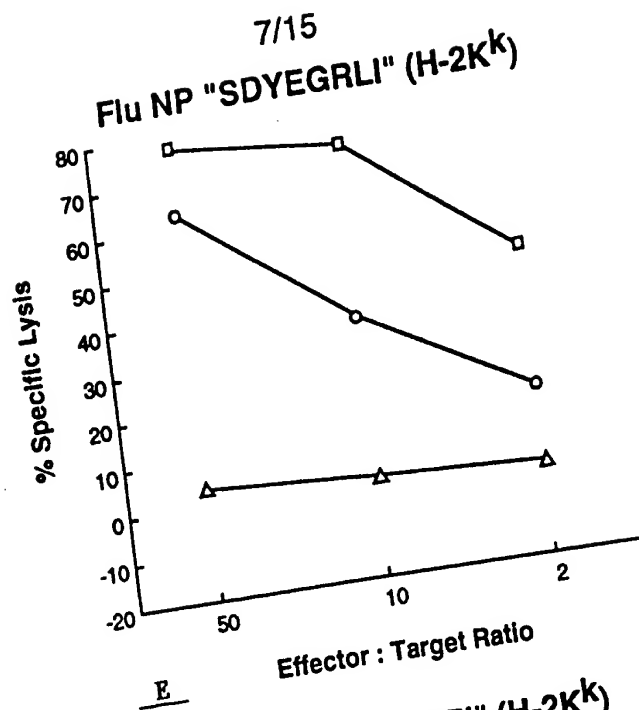
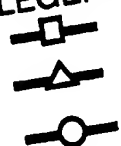
**Balb/c**

6/15

**Flu NP "TYQRTRALV" (H-2K<sup>d</sup>)****PB csp "SYIPSAEKI" (H-2K<sup>d</sup>)****6 A****Effector : Target Ratio****6 B****Effector : Target Ratio****MCMV pp89 "YPHFMPPTNL" (H-2L<sup>d</sup>)****LCMV NP "RPQASGVYM" (H-2K<sup>d</sup>)****6 C****Effector : Target Ratio****6 D****Effector : Target Ratio****LEGEND**

-  Bulk Splenocytes from Polytope Vaccinated Mice
-  No peptide Control
-  Bulk Splenocytes from TK- Vaccinated Mice

**FIGURE 6**

**CBA****LEGEND**

Bulk Splenocytes from Polytope Vaccinated Mice

No peptide Control

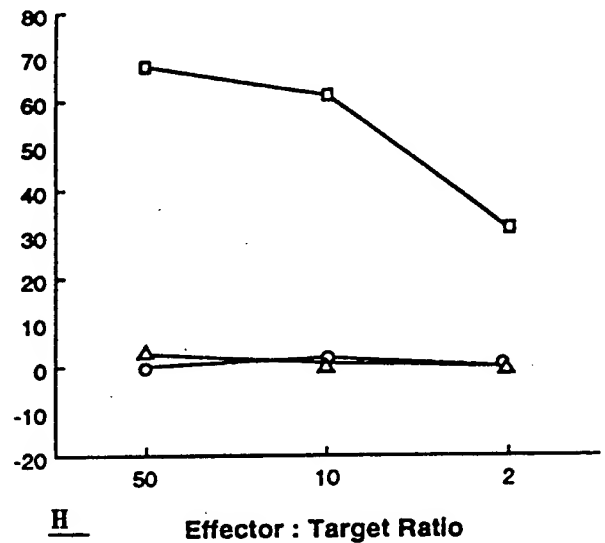
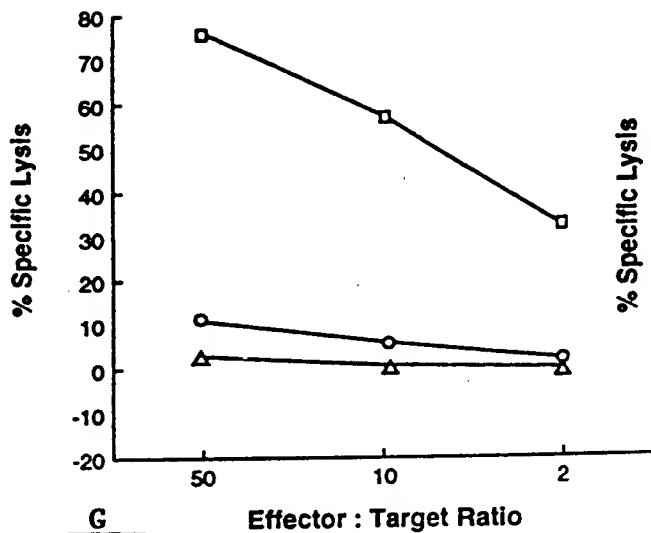
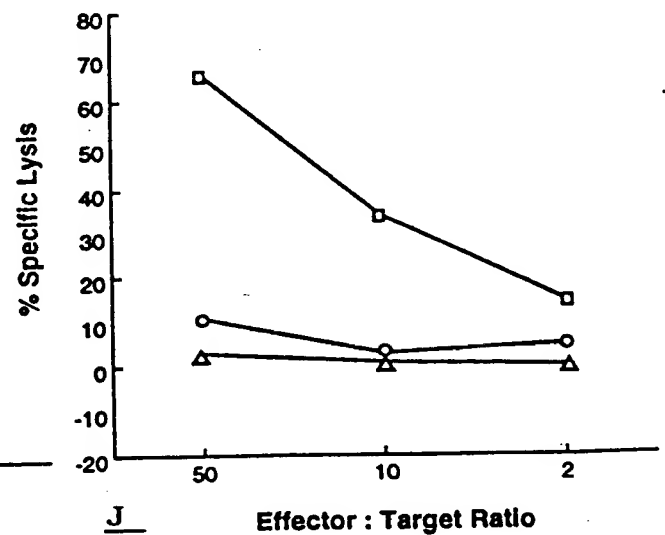
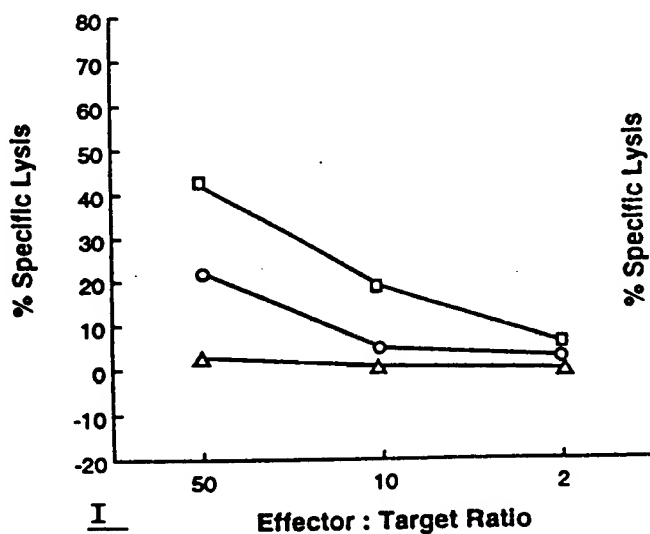
Bulk Splenocytes from TK- Vaccinated Mice

FIGURE 6

SUBSTITUTE SHEET (RULE 26)

**C57BL/6**

8/15

**Flu NP "ASNENMDAM" (H-2D<sup>b</sup>)****Ad5 E1A "SGPSNTPPEI" (H-2D<sup>b</sup>)****Ovalbumin "SIINFEDL" (H-2K<sup>b</sup>)****Sendi NP "FAPGNYPAL" (H-2K<sup>b</sup>)****LEGEND**

- Bulk Splenocytes from Polytope Vaccinated Mice
- △— No peptide Control
- Bulk Splenocytes from TK- Vaccinated Mice

**FIGURE 6**



9/15

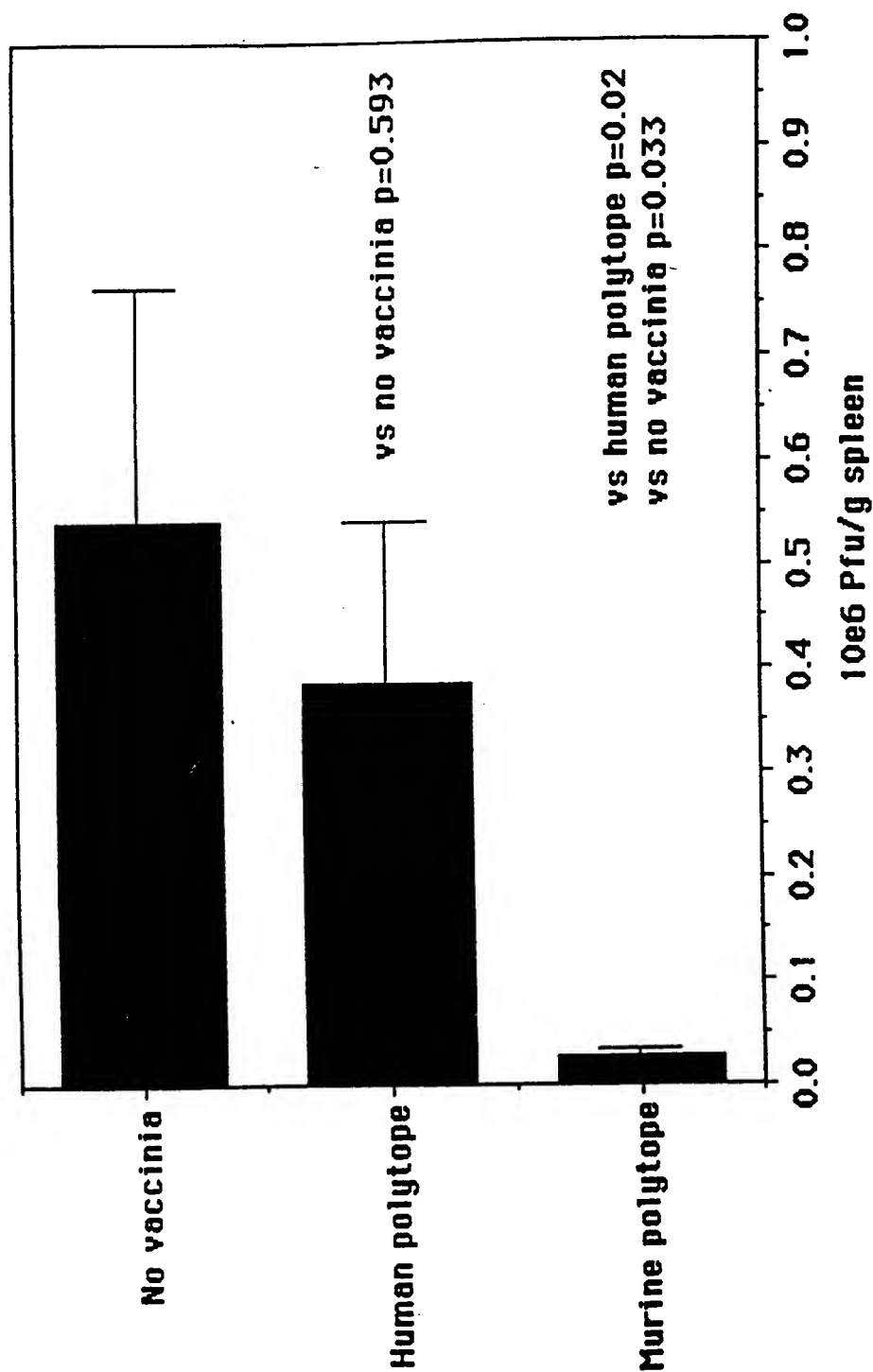


FIGURE 7

10/15

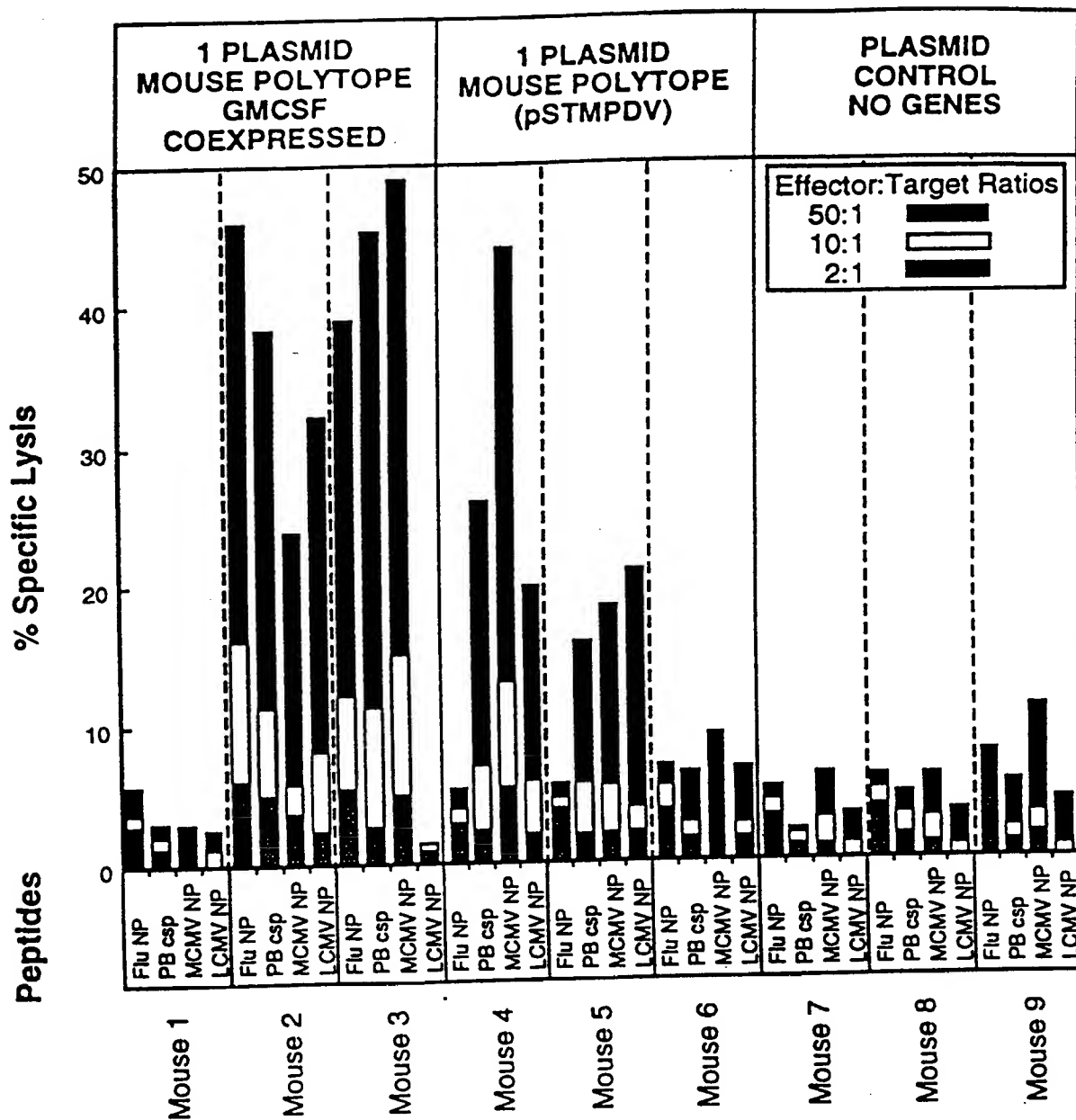


FIGURE 8

11/15

## Balb/c I.P. Vaccinated Mice

PEPTIDE COATED TARGETS

VIRUS INFECTED TARGETS

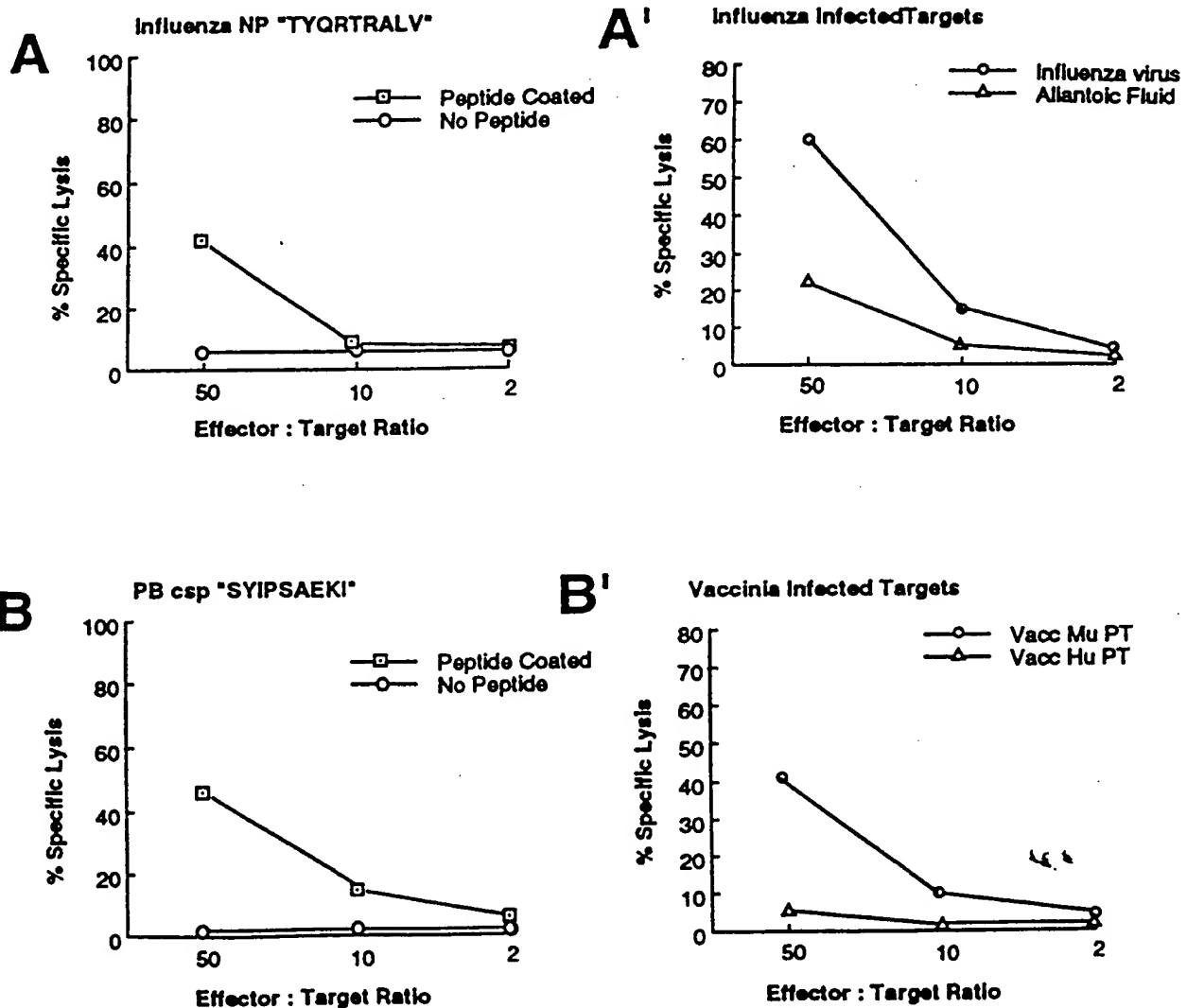


FIGURE 9

SUBSTITUTE SHEET (RULE 26)

12/15

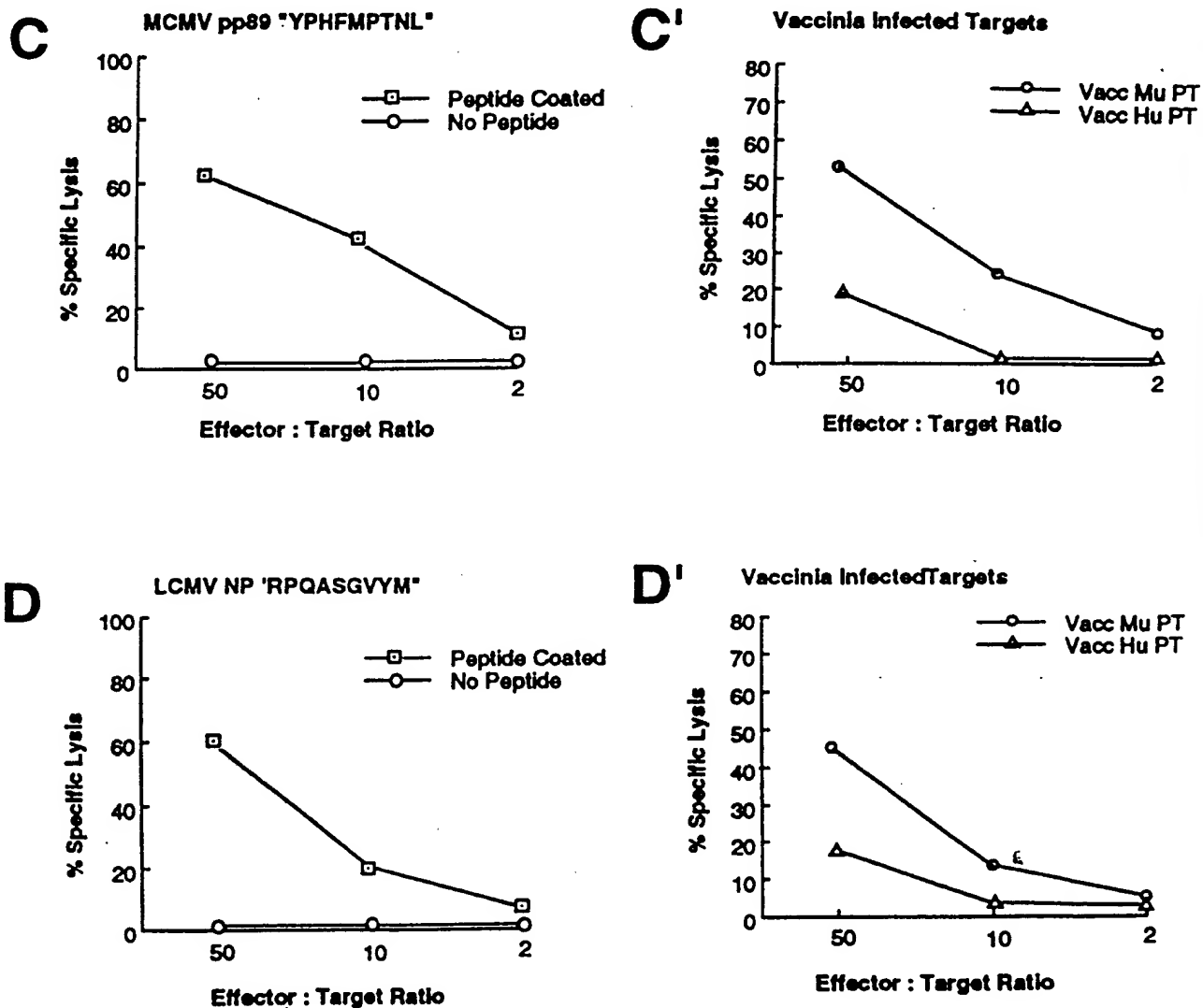


FIGURE 9

SUBSTITUTE SHEET (RULE 26)

13/15

## CBA I.P. Vaccinated Mice

### PEPTIDE COATED TARGETS

### VIRUS INFECTED TARGETS

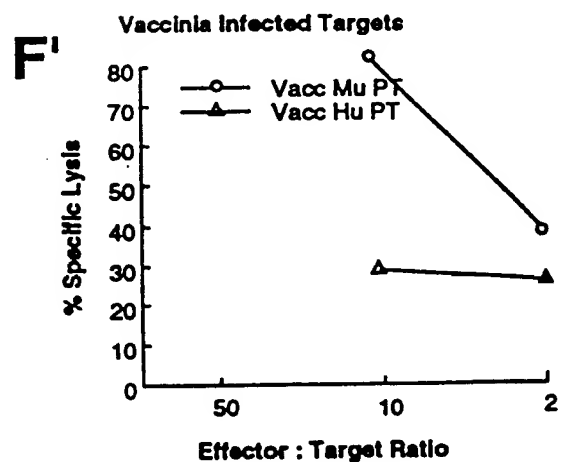
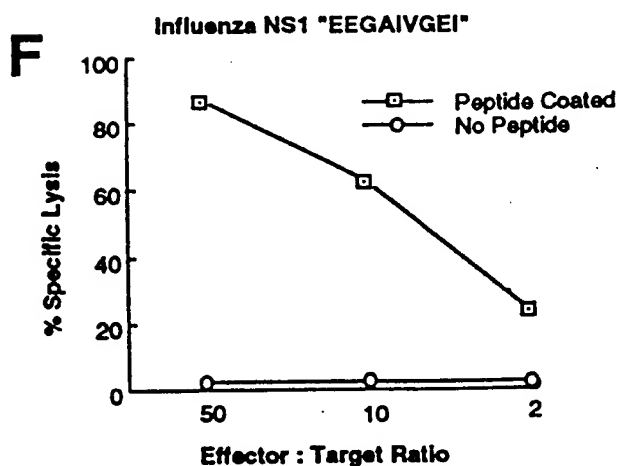
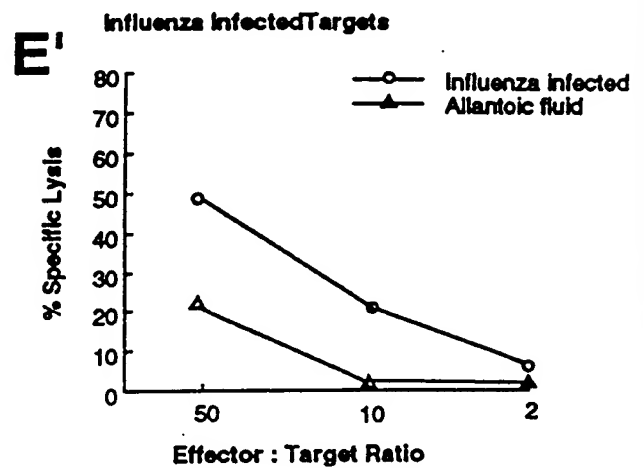
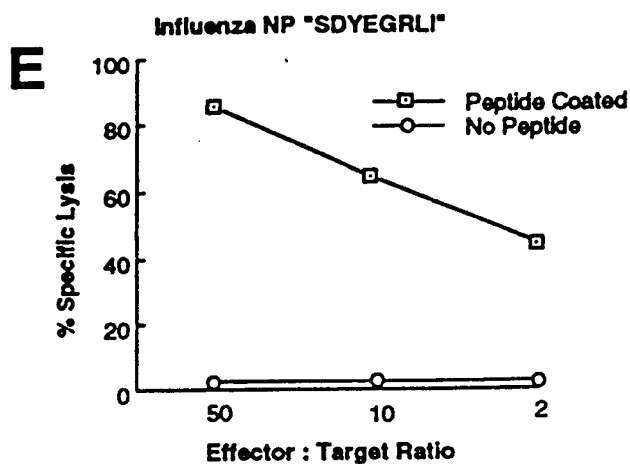


FIGURE 9

SUBSTITUTE SHEET (RULE 26)

14/15

# C57BL/6 I.P. Vaccinated Mice

## PEPTIDE COATED TARGETS

## TUMOUR AND VIRUS INFECTED TARGETS

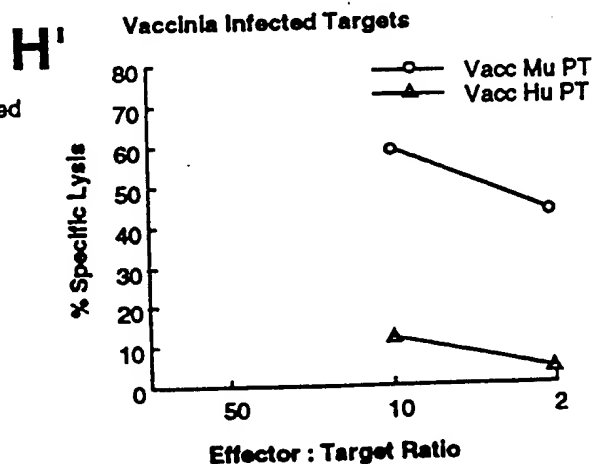
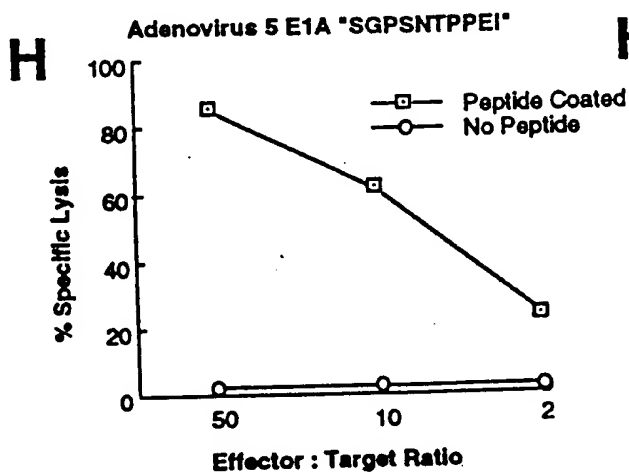
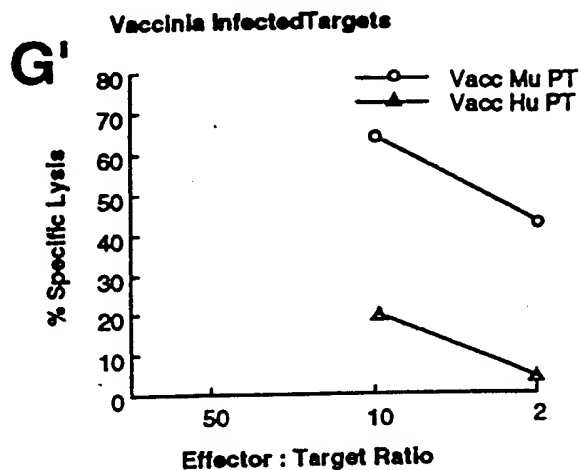
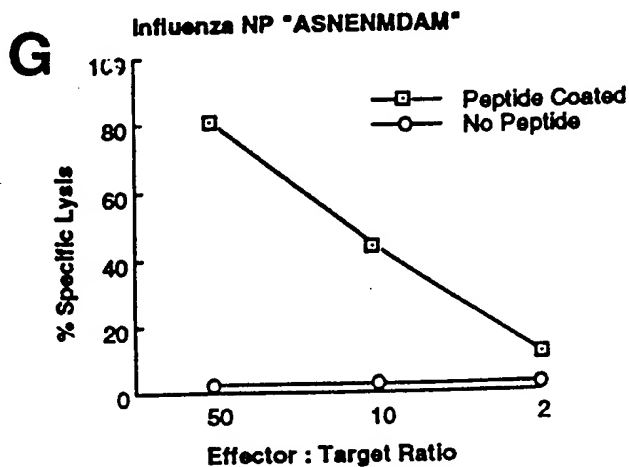


FIGURE 9

15/15

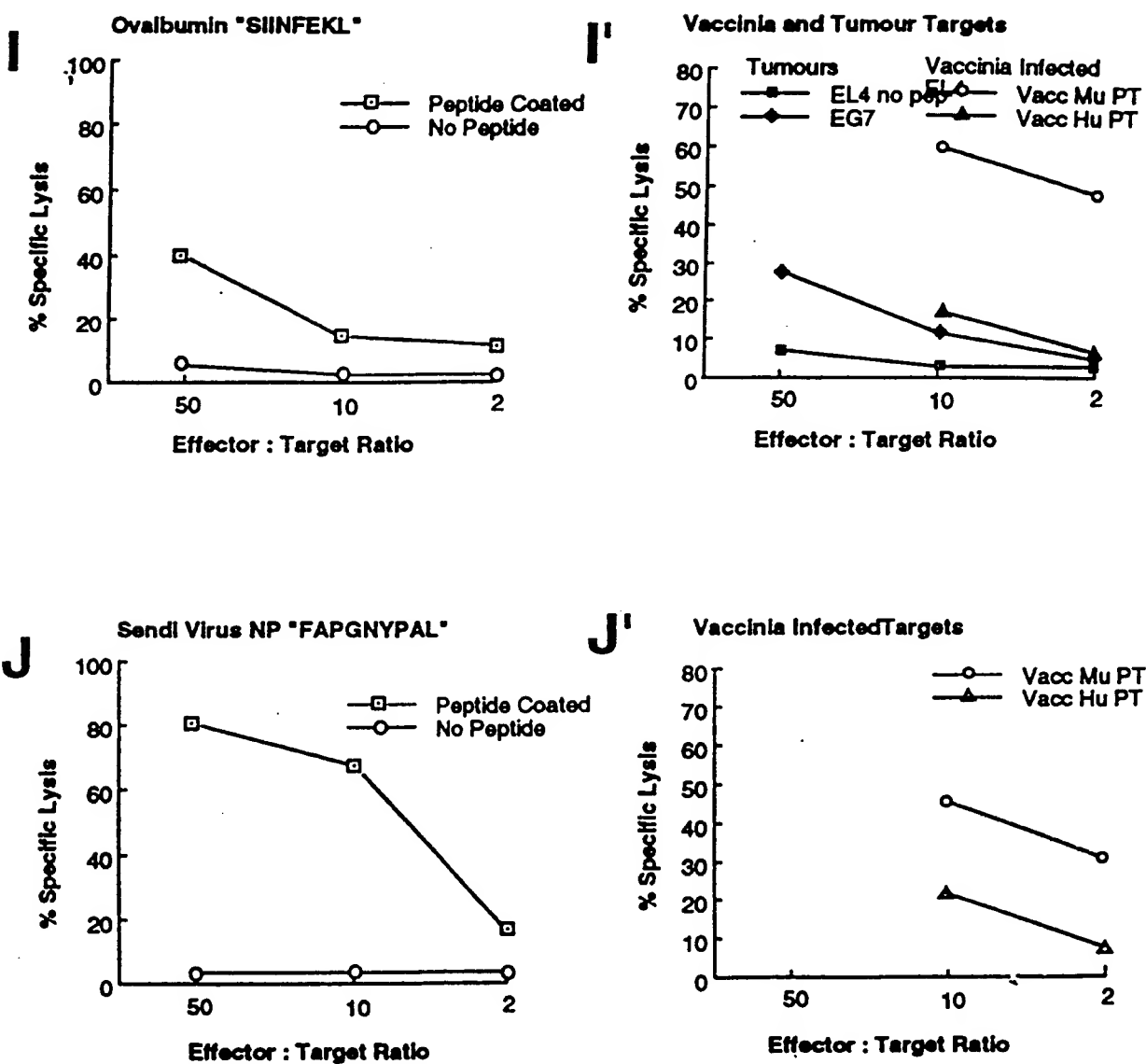


FIGURE 9